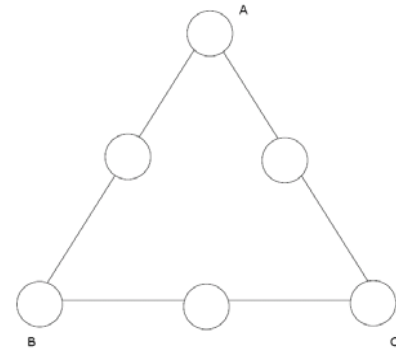


# Magic Triangles



**Materials:** Large equilateral triangles with 6 empty circles drawn as above, small paper squares for numbers 1-6, pencils, blank paper

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1. Write the numbers 1- 6 on 6 small squares of paper.
2. Place the numbers 1-6 on the six empty circles on the triangle.
3. Move the numbers around until the sum of each side matches the sums of each of the other sides (e.g. the sum of side AB is equal to the sum of AC and BC).
4. Record your solutions. How many different solutions can you find?